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No. 43]

NEW DELHI, SATURDAY, OCTOBER 27, 1973 (KARTIKA 5, 1895)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 27th October, 1973

In the Gazette of India Part III, Section 2 dated the 5th May 1973 in page 187 column 2 under the heading "Complete specifications accepted" under No. 129482 for S. A. HASEN TRANSMISSIONS INTERNATIONAL N. V., read S. A. HANSEN TRANSMISSIONS INTERNATIONAL N. V.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

8th October 1973

- 2221/Cal/73. S. R. Mohan. Electronic lock.
- 2222/Cal/73. Martin & Botting Developments Limited. Improvements in or relating to water turbines and/or pumping apparatus incorporating said turbine.
- 2223/Cal/73. The British Oxygen Company Limited. Welding machines.
- 2224/Cal/73. Etablissement Fresa. Set of elements for the construction of buildings.
- 2225/Cal/73. Elkem-Spigerverket A/S. Method for determination of operating conditions by metallurgical processes in electrical electrode furnaces.
- 2226/Cal/73. United States Steel Corporation. Method of sintering ferruginous calcium aluminate raw mixes. [Divisional date 21st July 1971].
- 2227/Cal/73. Toth Aluminum Corporation. Reduction of metallic chloride by powdered metal.
- 2228/Cal/73. LM Electronics (Holdings) Limited and D. F. Lenton. Heating device. (5th October 1972).

297Q/73

2229/Cal/73. The Warner & Swasey Company. Machine tool with tailstock.

2230/Cal/73. K. C. Kothari. Train light signal lamp.

2231/Cal/73. V. K. Chopra. Improvements in or relating to anti-theft device for automobiles.

2232/Cal/73. A. S. Sharma, K. L. Sharma and K. S. Sharma. Improvement in deep drawing double action power press of toggle type.

2233/Cal/73. K. P. Saxena and Sunand Mitra. Improvements in or relating to masonry material as substitute for cement.

9th October 1973

2234/Cal/73. The British Oxygen Company Limited. Metal treatment. (10th October 1972).

2235/Cal/73. Sunkist Growers, Inc. Apparatus to organize a mass of objects into a travelling row.

2236/Cal/73. Spinner GmbH Elektrotechnische Fabrik. A device whereby an oval waveguide can be joined to a coaxial connection.

2237/Cal/73. S. A. des Anoiens Etablissements Paul Wurth. Improvements in and relating to a control device for a distributor chute in a shaft furnace, particularly a blast furnace.

2238/Cal/73. Westinghouse Electric Corporation. Rectifier assembly for brushless excitation systems.

2239/Cal/73. Milbras. Self-clamping grip for a free cable winch.

2240/Cal/73. S. Barthakur. Tagged file hanger.

2241/Cal/73. Foseco International Limited. Refractory dressings. (10th October 1972).

2242/Cal/73. Cassella Farbwerke Mainkur Aktiengesellschaft. Hydrolyzed copolymer or acrylonitrile and an unsaturated sulfonic acid.

(559)

- 2243/Cal/73. Bunker Ramo Corporation. Panel board electrical connector.
- 2244/Cal/73. Skoda Narodni Podnik. An extracting carriage for withdrawing of die pressing from an extrusion press.
- 2245/Cal/73. Wavin B. V. Plastic Bag. (18th July 1973).
- 2246/Cal/73. Indian School of Mines. A triaxial apparatus for testing rock samples to determine their properties.
- 10th October 1973
- 2247/Cal/73. Council of Scientific and Industrial Research. Improvement in or relating to non-sludge forming zinc phosphating composition.
- 2248/Cal/73. Council of Scientific and Industrial Research. A process for the synthesis of 2-and/or 6-substituted-4a, 11a-cis and trans-1, 2, 3, 4, 4a, 5, 11, 11a-octahydropyridine (4, 3-b) carbazoles.
- 2249/Cal/73. Basf Aktiengesellschaft. Preparation of pyrocatechol derivatives.
- 2250/Cal/73. Naturvard Research (Canada) Ltd. Automatic tube cleaner for fluid (water) sterilizer. (20th November 1972).
- 2251/Cal/73. Franklin Electric Co., Inc. Lightning arrestor.
- 2252/Cal/73. International Standard Electric Corporation. Carbon microphone. (24th November 1972).
- 2253/Cal/73. Thermo King Corporation. Transportable refrigeration apparatus for preserving perishables.
- 2254/Cal/73. U.Sharon. Laser device particularly useful as a surgical instrument.
- 2255/Cal/73. Delalande S. A. Novel amine derivatives of 4, 8-dimethoxy furo (3', 2'-f) benzoxabole, their process of preparation and their therapeutic application.
- 2256/Cal/73. Rohm and Haas Company. Textile package.
- 2257/Cal/73. The Lucas Electrical Company Limited. Battery charging systems. (11th October 1972).
- 2258/Cal/73. The Bauer Bros. Co., Labyrinth seal ring for pulp refiners. (18th September 1973).
- 2259/Cal/73. Bundy Corporation. Method and apparatus for fabricating tubing.
- 2260/Cal/73. Janssen Pharmaceutica N. V. Aroyl-substituted phenylacetic acid derivatives.
- 2261/Cal/73. G. Kabra. Igniting apparatus.
- 2262/Cal/73. Jugal Kumar Paul. An asthma respirator.

ALTERATION OF DATE

135470 (1461/72). Ante-dated to 16th June 1971.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, gives notice to the Controller of Patents at the appropriate office as indicated in the respect of Patents at the appropriate office as indicated in the respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the

printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 55E.

83265

THE PREPARATION OF A NEW ANTI-TUBERCULAR ANTIBIOTIC.

INDIAN COUNCIL OF MEDICAL RESEARCH, ANSARI NAGAR, NEW DELHI-16, INDIA.

Application No. 83265 filed July 16, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims.—No. Drawings

A process for the preparation of an antitubercular antibiotic which consists in fermenting a broth with a streptomyces strain which is designated by us as streptomyces F-6, followed by extracting with a solvent and concentrating the extract.

CLASS 32G.

109451.

PROCESS FOR THE INDUSTRIAL MANUFACTURE OF HYDROXOCOBALAMIN.

JEAN BOIGE, OF 53, AVENUE VERCINGETORIX, AULNAY-SOUS-BOIS, SEINE ST-DENIS, FRANCE.

Application No. 109451 filed February 23, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)—Patent Office, Calcutta.

6 Claims—No. Drawings.

Process for the production of hydroxocobalamin comprising hydrogenating cyanocobalamin in acid solution by contact with granulated zinc and bubbling in an oxidizing gas such as air into the hydrogenated liquid diluted with water, characterized in that the aqueous and acid solution of cyanocobalamin used is diluted with a water-miscible organic solvent.

CLASS 32FI & F**ab**

114143.

PROCESS FOR THE PREPARATION OF N'-ARALKYL-ADENOSINE DERIVATIVES.

C. F. BOEHRINGER & SOEHNE CMBH, OF MAN-HEIM-WALDHOF, WEST GERMANY.

Application No. 114143 filed January 22, 1968.

Convention date December 7, 1967. (No. 55647/67) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)—Patent Office, Calcutta.

5 Claims.

Process for the preparation of N⁶-aralkyl-adenosine derivatives of the general formula I shown in the accompanying drawings, in which R₁, R₂ and R₃, which may be the same or different, are halogen atoms or alkyl, alkoxy, trifluoromethyl or alkylmercapto radicals, whereby two of said substituents can also represent hydrogen atoms or together from a methylenedioxy group, wherein (a) a purine riboside of the general formula II shown in the drawings in which X is a halogen atom or a reactive mercapto group, is reacted with a benzylamine of the general formula III shown in the drawings, in which R₁, R₂ and R₃ have the same meanings as above.

CLASS 32F_{3a}.

115036

5 Claims.

REFINING OF A-6-DEOXY-5-OXYTETRACYCLINE.

CHAS. PFIZER & CO., INC. 235 EAST 42ND STREET,
NEW YORK CITY, STATE OF NEW YORK, UNITED
STATES OF AMERICA.

Application No. 115036 filed March 18, 1968.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

9 Claims—No drawings.

The process for converting impure sulfosalicylate salt of a -6-deoxy-5-oxytetracycline to the substantially pure hydrochloride salt, said sulfosalicylate salt containing an impurity selected from metal contaminants and anhydro- and apo-tetracycline compounds, said process comprising the steps of recrystallizing said sulfosalicylate salt from methanolic hydrochloric acid, dissolving the recrystallized sulfosalicylate salt in dry ethanolic hydrogen chloride, adjusting the hydrogen chloride content of the resulting ethanolic solution to at least about 12 moles per mole of dissolved a-6-deoxy-5-oxytetracycline, and introducing water, up to 11 volume %, to said ethanolic solution, whereby said hydrochloride salt separates from the resulting aqueous ethanolic solution.

CLASS 32F₁ and 32F_{2b}.

125914

PROCESS FOR PRODUCING A 3-PHENYL-5-METHYL-4-ISOXAZOLYPENICILLIN.

SANKYO COMPANY LIMITED, OF 1-6, 3 CHOME,
NIHONBASHI HONCHO, CHUO KU, TOKYO, JAPAN..

Application No. 125914 filed March 25, 1970.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

14 Claims.

A process for preparing a 6-aminopenicillanic acid derivative having the general formula shown in Fig. 1 of the accompanying drawings wherein R and R' may be the same or different and each represents a hydrogen atom or a halogen atom, and non-toxic salts thereof, which comprises reacting 6-aminopenicillanic acid with a cyclo-heptimidazolone derivative having the general formula shown in Fig. 4 wherein R and R' have the same meaning as above and thereafter forming non-toxic salts such as sodium or potassium salts by usual methods.

CLASS 189.

131593.

DENTIFRICES WITH IRIDESCENT EFFECT.

COLGATE-PALMOLIVE COMPANY, AT 300 PARK
AVENUE, NEW YORK 10022, NEW YORK, U.S.A.

Application No. 131593 filed June 4, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

9 Claims—No drawings.

A dentifrice wherein non-toxic iridescent or pearly flakes, as hereinbefore described, are dispensed in an amount up to about 10% by wt. in a transparent toothpaste base, as hereinbefore described.

CLASS 186E.

131602

A SYSTEM FOR INSPECTING A LIQUID FILLED TRANSPARENT CONTAINER.

EMHART CORPORATION, OF 950 COTTAGE GROVE
ROAD, TOWN OF BLOOMFIELD, STATE OF CONNEC-
TICUT, UNITED STATES OF AMERICA.

Application No. 131602 filed June 4, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

A system for inspecting a liquid filled transparent container for the presence of foreign particles and comprising a means for rotating the container momentarily so that the liquid contents swirl, a television camera for generating successive video frames, each of said frames including a pattern of electrical signals which vary in accordance with the successive images seen by said camera, a memory device for storing at least one such pattern of electrical signals, switching means for recalling said stored pattern of electrical signals in timed relationship with a succeeding pattern, and a comparator for generating an error signal whenever said patterns do not bear a predetermined relationship to one another, said memory device being synchronized for operation in timed relationship with said camera so that said patterns are fed to said comparator in accurately indexed time relationship with one another.

CLASS 34L & 70C.

131645.

A BATTERY EMPLOYING HYDROGEN HYDRATE AS AN OXIDANT.

THE UDYLITE CORPORATION, DETROIT, MICHIGAN,
U.S.A.

Application No. 131645 filed June 8, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

11 Claims.

A battery comprising :

(1) an electrode compartment with at least one positive electrode and one negative electrode therein; said negative electrode comprised of a metallic surface which will combine electrochemically with a halogen;

(2) a storage compartment with a halogen hydrate therein;

(3) an aqueous metal halide electrolyte; and

(4) a communicative means between said electrode compartment and said storage compartment.

CLASS 62A, C, and D.

131971

PROCESS FOR THE TREATMENT OF WOOLLEN MATERIALS.

GUIDO VERRI AND ANNA MARIA VERRI NEE
CESINI, OF VIA DELLA PRIMULE 4, MILANO, ITALY.

Application No. 131971 filed July 2, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

8 Claims—No drawings.

A process for reducing the felting and shrinking properties of a wool material, and contemporaneously bleaching the wool material and increasing its dye-receptivity, which process comprises contacting the wool material with a first aqueous alkaline bath containing a peroxy compound and thereafter contacting the wool material with a second aqueous bath comprising a sulphur-containing reducing agent, wherein (a) said first bath comprises from 4 to 6% by weight based on the woollen material, of tetrasodium pyrophosphate; from 2 to 3% by weight based on the woollen material, of dicyandiamide; from 0.1 to 0.2% by weight based on the wool material, of sodium borohydride; from 0.3 to 0.5% by weight based on the wool material, of a wetting agent which is a fatty alcohol ester; from 20 to 30 by weight based on the wool material, of a 130 volume strength water solution of hydrogen peroxide, and from 10 to 20% by weight based on the wool material, of a water soluble organic peroxide; and (b) said second bath comprises 4.25% by weight based on the wool material, of sodium hydroxide; 2.5% by weight based on the wool material, of sodium formaldehydesulfoxylate; 1/2% by weight based on the wool material, of disodium dihydrogen pyrophosphate; and 0.9% by weight based on the wool material, of sodium bisulfite.

CLASS 145B and 172D_s. 131985
MACHINE FOR FORMATION OF PAPER TWINE OUT
OF PAPER TAPE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RE-
SEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Application No. 131985 filed July 5, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

A machine for producing paper twine comprising a common drive, at least one set of driven rotating nozzle with an orifice and a driven roller, the rotating nozzle and the driven roller being freely supported in stands mounted on a base-plate, a fixed nozzle mounted in between the rotating nozzle and the driven roller on a stand on the base-plate, the orifice of the rotating nozzle being larger than the orifice of the fixed nozzle whereby paper twine is produced by passing a strip of paper through the orifice of a rotating nozzle which gives spin to the paper strip, the strip is pulled further through said fixed nozzle of smaller orifice and the twisted strip coming out of the fixed nozzle is kept in twisted position by passing on said driven roller which provides the pull for the twisted paper strip through the rotating nozzle and the fixed nozzle.

CLASS 14A₁. 132274.

A CONTAINER FOR A MULTI-CELL STORAGE BAT-
TERY AND A STORAGE BATTERY INCORPORATING
THE SAME

VARTA BATTERIE AG, OF 3000 HANNOVER, STOCK-
ENER STRASSE 351 (FORMERLY KNOWN AS VARTA
AKTIENGESELLSCHAFT), OF NEW MAINZER STRASSE
53, 6 FRANKFURT/MAIN), FEDERAL REPUBLIC OF
GERMANY.

Application No. 132274 filed July 27, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

10 Claims.

A container for a multi-cell storage battery, in which the container is a moulding of a resilient thermoplastic material and comprises, in its lower part on end and intermediate walls in its cells, a series of spaced, inclined ribs or feathers, by which elements or groups of plates are fixed or held in position in the cells or compartments.

CLASS 32A_s, 62C₁ and 154H. 132341

PROCESS FOR THE PRODUCTION OF ANTHRAQUI-
NONE DYESTUFF COMPOUNDS.
SANDOZ LTD, OF LICHTSTRASSE 35, BASLE, SWIT-
ZERLAND.

Application No. 132341 filed August 2, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

5 Claims.

A process for the production of anthraquinone dyestuff compounds which contain SO₃H groups and are of formula (a) shown in the accompanying drawings, where each Rx stands for an unsubstituted or substituted hydrocarbon radical, Ry and Rz each stands for hydrogen or an unsubstituted or substituted hydrocarbon radical, and wherein Ry and Rz jointly with the vicinal N atom, may form an unsubstituted or substituted heterocyclic ring, and in which the SO₃H groups may be present as sulphonic acid or as sulphate groups and the rings A and B may be further substituted, which process is characterized by the reaction of a compound or the leuco form of a compound of formula (b) shown in the drawings, where V' and W' stand for halogen or radicals reacting with amino groups or -NH-R_x and R_x for a carboxylic acid or a functional derivative of a carboxylic acid or a radical of formula (c) shown in the drawings with 2 mols of an amine of formula (d) shown in the drawings, if V' and W' represent halogen or radicals reacting with amino groups or with a compound of formula (e) shown in the drawings, if R_x re-

presents a carboxylic acid or a functional derivative of a carboxylic acid and V' and W' represent NH-R_x radicals and Rx, Ry and Rz are as defined above, with subsequent oxidation of the compound if obtained in the leuco form and treatment with an agent yielding sulphur trioxide such as herein described to effect sulphonation or sulphation thereof.

CLASS 134D. 132703

IMPROVED STEERING STABILIZER FOR WHEELED
VEHICLES.

ERIC LESLIE GORDON DE CONNICK, FORMERLY OF
94 RUE DES EAUX-VIVES, GENEVA, SWITZERLAND
AND NOW OF APARDATO 132, FUENGIVOLA, MALAGA,
SPAIN.

Application No. 132703 filed August 30, 1971.

Convention date September 9, 1970 (43219/70) U.K.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

16 Claims.

A steering stabiliser assembly for attachment to a road vehicle between a part of the vehicle pivotable with a steerable wheel about a steering axis and a rigid part of the vehicle, the stabiliser assembly comprising a base plate for incorporation in or attachment to said rigid part, a two-armed lever pivoted on one end of the base plate and spring-loaded into a stable position from which the plate may be pivoted in either direction against the spring-loading, the pivot position being offset with respect to the centre of the two armed lever and a pair of extension springs attachable respectively between the ends of the two-armed lever and respective locations of said pivotable part either side of said steering axis.

CLASS 34A. 132757

SHAPED ARTICLE FROM NYLON-4 AND METHOD FOR
MAKING THE SAME.

ALRAC CORPORATION, 649 HOPE STREET, STAM-
FORD, CONNECTICUT, UNITED STATES OF
AMERICA.

Application No. 132757 filed September 2, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

16 Claims—No drawings.

A shaped article of nylon-4, such as herein described which comprises a plurality of nylon-4 units self-bonded together in an integral structure, the self-bond having been accomplished by drying under pressure said plurality of water swollen nylon-4 units at a temperature significantly below the melting point of the nylon-4.

CLASS 56B. 132913

PROCESS AND APPARATUS FOR CATALYTIC CRACK-
ING OF HYDROCARBONS.

UNIVERSAL OIL PRODUCTS COMPANY, NO. 10 UOP
PLAZA—ALGONQUIN & MT. PROSPECTS ROADS, DES
PLAINES, STATE OF ILLINOIS, UNITED STATES OF
AMERICA.

Application No. 132913 filed September 15, 1971.

Appropriate office for opposition proceedings (Rule 4,
Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

An apparatus for catalytic cracking of hydrocarbons which comprises in combination, a vertically disposed reaction vessel adapted to retain a fluidised bed of catalyst particles, an inlet to said vessel for the supply thereto of a first hydrocarbon charge stream, a first cyclone separator located within the said vessel and provided with an inlet opening in communication with the upper interior of the vessel, discharge means for discharging separated catalyst particles from said first cyclone separator to the fluidised bed and an outlet for the withdrawal

from said separator and from the said vessel of separated hydrocarbon, a vertical riser reaction section having lower inlet means for the introduction of a second hydrocarbon charge stream mixed with catalyst particles and upper outlet means, a second cyclone separator located within the upper portion of the reaction vessel the inlet means of said second cyclone separator being connected to the outlet of the riser section, discharge means from said second cyclone separator for discharging separated catalyst to the fluidised bed and outlet means from said second cyclone separator for releasing hydrocarbon into the upper interior portion of the reaction vessel.

CLASS 154F.

132932

ROTARY FOLDING APPARATUS.

VEB POLYGRAPH LEIPZIG KOMBINAT FUR POLYGRAPHISCHE MASCHINEN UND AUSRUSTUNGEN, OF 59 ZWEINAUNDORFER STRASSE, LEIPZIG, GERMANY (EAST).

Application No. 132932 filed September 16, 1971.

Convention date April 29, 1971 (12027/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

3 Claims.

Rotary folding apparatus for rotary web printing machine especially with collection device, to the cam-controlled needles of which there are allocated cam-controlled strippers and which comprises guide rods arranged on a pivot spindle for the variation of the direction of travel of the products, wherein the guide rods are arranged directly after the cutting and/or collection cylinders and to the pivot shaft for the needles and the pivot shaft for the strippers there are allocated two roller levers each, as one roller lever in each case is rotatable and, connected in each case through a compression spring, a bolt and a rigid lever, mounted on the respective pivot shaft, while the second roller lever into the region of which a cam segment is radially pivotable, is in each case fixedly arranged on the pivot shaft.

CLASS 154D and 203.

132933

APPARATUS FOR PRINTING MACHINE.

VEB POLYGRAPH LEIPZIG KOMBINAT FUR POLYGRAPHISCHE MASCHINEN UND AUSRUSTUNGEN, OF 59 ZWEINAUNDORFER STRASSE, LEIPZIG, GERMANY (EAST).

Application No. 132933 filed September 16, 1971.

Convention date filed April 29, 1971 (12081/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims.

A sheet feeder apparatus for a printing machine including a control apparatus for controlling the blowing of air of the sheet feeder to separate sheet material provided therein, the control apparatus having a device for the control of the blowing air, wherein the device arranged to switch on and off the blowing air of the feeder in synchronism with the speed of the printing machine, includes automatic control means controllable in response to the working speed of the feeder and printing machine, whereby the control means automatically maintains the optimum blowing effect by automatically controlling the adjustment of the pressure or the time duration of the blowing air or of both upon a change occurring in the speed of the feeder and printing machine.

CLASS 179E.

133119

REUSABLES TAMPERPROOF CAP FOR AEROSOL DISPENSING CONTAINERS.

EDWARD HOWARD GREEN, OF 11 ARMY TRAIL ROAD, ADDISON, ILLINOIS, UNITED STATES OF AMERICA.

Application No. 133119 filed October 5, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

18 Claims.

A reusable tamperproof cap for an aerosol container having dispensing or spray means rising from the top thereof and a well in the top of the container surrounding the spray means, the well having a vertical wall and first interlocking means in its interior located in the vertical wall, the cap including a resilient generally cylindrical body having an upper closed end integral therewith, the external diameter of said body being substantially smaller than the diameter of the well, said body being adapted to cover the spray means and protect same, an annular rim having an external diameter sufficiently large to close off a substantial portion of the entrance to the well, an annular skirt attached to said annular rim and adapted to be wedged tightly within the well, second interlocking means on said skirt adapted to engage the first interlocking means in the vertical wall of the well whereby the cap may be rendered tamperproof, said cap including an annular rim having a portion of its circumference cut away, said cutaway portion of the circumference of the annular rim providing tool access structure formed in said skirt for a prying tool and being adapted to permit the cap to be pried and removed from the container by said prying tool being inserted vertically downwardly into the well between the vertical wall of the well and the cap whereby exertion of a prying force on the prying tool rotating from a vertical to a horizontal disposition causes said second interlocking means to disengage from the first interlocking means and effects removal of the cap from the container.

CLASS 32A.

133165

PROCESS FOR PREPARATION OF NEW DISAZO DYE STUFFS.

FARBWERKE HOECHST AKTIENGESellschaft VORMALS MEISTER LUCIUS & BRUNING, OF 45, BRUNINGSTRASSE, FRANKFURT/MAIN, FEDERAL REPUBLIC OF GERMANY.

Application No. 133165 filed October 7, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

Process for the manufacture of disazo dyestuffs of the general formula I of the accompanying drawings wherein R_1 is hydrogen or an alkyl groups having together 3 to 20 carbon atoms, whereby R_2 and R_3 together may form a cycloaliphatic ring which comprises coupling diazotized aniline of the general formula II wherein R_4 is hydrogen or an alkyl having 1 to 4 carbon atoms with α -naphthylamine, diazotizing again the monoazo dyestuff obtained and coupling with coupling components of the general formula III, wherein R_5 and R_6 being as defined above.

CLASS 144A & 155F2.

133371.

PROCESS FOR THE PREPARATION OF PROTECTIVE AND OR DECORATIVE RESIN COATINGS.

UCB S. A., OF 4, CHAUSSEE DE CHARLEROI, SAINT-GILLES-LEZ-BRUXELLES, BELGIUM.

Application No. 133371 filed October 27, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) — Patent Office, Calcutta.

17 Claims. No drawings.

A process for the production of decorative and/or protective coatings on a substrate such as herein described, wherein a synthetic resin dispersion to which optionally pigments, finely divided fillers and/or other additives have been added is applied with a polymerizable organic liquid onto the substrate to be coated and there is hardened by polymerization, characterized in that an aqueous dispersion of a saturated synthetic resin or a mixture of two or more resin particles, is then applied to the substrate and finally hardened thereon by conventional process of polymerization.

CLASS 2B., 67C & 168B2H.

133914.

DISPLAY DEVICE INCLUDING GAS CELLS AND LIQUID CRYSTAL CELLS.

BURROUGHS CORPORATION, AT SECOND AVENUE, DETROIT, MICHIGAN 48232, U. S. A.

Application No. 133914 filed December 10, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)—Patent Office, Calcutta.

10 Claims.

A display panel comprising an array of gas-filled cells, a volume of liquid crystal material in operative relation with said cells, and electrode means in operative relation with said volume of liquid crystal and said cells whereby, when said cells are fired and discharged, potentials can be applied to cause currents to flow from said fired cells through corresponding volumes of said liquid crystal material and change the optical characteristic thereof whereby a message displayed by said volume of liquid crystal material.

CLASS 116H.

134351

ROTARY DEVICE FOR HAULING AND HOISTING USING CABLE OR WIRE ROPE.

DR. TARAPADA MUKHERJEE, OF LONG WOOD, BHAGYAKOOL, LIMUKHRA, SHILLONG, ASSAM, INDIA.

Application No. 134351 filed January 22, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims.

Hoist or winch with unlimited rope travel, characterized in that the rope is clamped radially in the groove of a power pulley, along a predetermined arc of said pulley, by clamping jaws of curved configuration which are pressed against the rope by rollers under the influence of the load and arranged to constitute an endless chain, non-tensioned and supported by guide members or loose pulleys and meshing with teeth means rigid with said power pulley so as to follow said rope without any relative slipping, and to partake in the retaining of a certain fraction of the load in conjunction with said power pulley, and wherein the power pulley on the one hand and the jaws of the endless chain on the other hand are provided with semi-circular sectional grooves ensuring a minimum rope wear and tear.

CLASS 206D, H.

134573

IMPROVEMENTS IN OR RELATING TO OSCILLATOR FREQUENCY CONTROL CIRCUITS.

SIEMENS AKTIENGESSELLSCHAFT, A COMPANY OF BERLIN AND MUNICH, GERMANY (WEST).

Application No. 134573 filed February 10, 1972.

Convention date October 21, 1971 (48895/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

11 Claims.

An oscillator frequency control circuit in which the output of a free running oscillator is compared with a stable comparative frequency in a control loop containing two mixer stages, one of the frequencies being supplied to both mixers in phase, and the other being supplied to both mixers with a mutual phase difference of 90°, an integrating network being connected after the output of one mixer stage, and a differential network being connected after the output of the other mixer stage, the output voltages of both networks being supplied to a circuit arrangement which analyses the phase difference between the two voltages to produce rectified output voltage which is applied to and frequency adjusting element in said oscillator.

CLASS 179E & F.

134996.

BUSHING FOR A COUPLEING SUCH AS A CONTAINER CLOSURE AND METHOD FOR MOUNTING SUCH A BUSHING.

KONINKLIJKE EMBALLAGE INDUSTRIE VAN LEER N. V., OF AMSTERDAMSEWEG 206, AMSTELVEEN, THE NETHERLANDS.

Application No. 134996 filed March 20, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)—Patent Office, Calcutta.

6 Claims.

Bushing for a coupling, such as a container closer, adapted to be applied into an opening in a wall, such as a container wall, the opening being surrounded by a collar, the bushing comprising an internally threaded or like portion and end portion of reduced thickness joint to the first portion of which the upper edge is bent over the upper edge of the collar of the opening, characterized in that the bushing consists of a tubular piece and that the external diameter of the internally threaded portion is such that this portion fits with slight clearance in the opening collar and that the upwardly extending end portion of reduced thickness is bent inwardly in the shape of a bottleneck and is provided with a radially outwards flanged edge, the lower edge of the bushing being flanged outwards.

CLASS 155D & 191.

135137.

SENSITIZED RECORD SHEET MATERIAL FOR USE WITH NORMALLY COLOURLESS MARKING MATERIAL.

THE NATIONAL CASH REGISTER COMPANY, OF DAYTON IN THE STATE OF OHIO, U. S. A., AND BALTIMORE IN THE STATE OF MARYLAND, U. S. A.

Application No. 135137 filed April 3, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972)—Patent Office, Calcutta.

5 Claims.

A record sheet material for use with normally colourless marking material, comprising a supporting sheet sensitized with an acidic colour-forming reactant (as herein defined), wherein said reactant is an oil-soluble metal salt of a phenol-formaldehyde resin.

CLASS 76E and 154D and F.

135470

A GRIPPER ASSEMBLY.

MILLER PRINTING MACHINERY CO., 1101 REEDSDALE STREET, PITTSBURGH, PENNSYLVANIA UNITED STATES OF AMERICA.

Application No. 1461/1972 filed September 20, 1972.

Convention date June 17, 1970 (085780/70) Canada.

Division of Application No. 131754 filed June 16, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims.

A gripper assembly for gripping sheets comprising, a lever having a first end portions arranged to be nonrotatably secured to a rotatable gripper shaft and a recessed other end portion, a plate member having an aperture therethrough, positioned in overlying relation to said recessed portion, means securing said plate member to said lever member recessed other end portion, a gripper member having a laterally extending gripper finger at one end and an oppositely extending connecting portions adjacent the other end, said connecting portion having an aperture therethrough, said connecting portion being positioned in overlying relation with said plate member with said aperture aligned with said plate member aperture, a connecting member extending into said recessed portion and through said apertures in said plate member and said gripper member connecting portion and securing said gripper member to said lever mem-

ber, and said connecting member having resilient means urging said gripper member toward said lever member.

CLASS 46C and 125B3.

135472

BULK VENDING SYSTEM FOR CONSUMABLE LIQUIDS.

NATIONAL DAIRY DEVELOPMENT BOARD, NO. KAIRA F 103, ANAND, STATE OF GUJARAT, INDIA.

Application No. 157/Bom/73 filed May 3, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay.

8 Claims.

A bulk vending system for consumable liquids comprising storage means for the liquid, ending means for measuring and dispensing a predetermined quantity of the said liquid into the customer's container, supply means for supplying liquid by gravity from the storage means to the vending means through a normally closed solenoid valve, the said liquid remaining in the supply means until it is delivered to the vending means and an electrical circuit including relays cut-outs and switches for actuating and controlling the operations of the system.

Amendment Proceedings under Section 57

Notice is hereby given that Uniroyal Ltd., a corporation of Canada, of 550 Papineau Avenue, Place d'Armes, Montreal, in the Province of Quebec, Canada, have made an application under Section 17 of the Indian Patents and Designs Act, 1911 for amendment of the specification of their application for Patent No. 125207 for "Furan—3—carboxamide derivatives and method of preparing same". The said application will be proceeded with under the provisions of the Patents Act, 1970 and the Patents Rules, 1972. The amendments are by way of correction so as to describe and ascertain the invention more correctly and precisely. The application for amendments and the proposed amendments can be inspected free of charge at the Patent Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC., (PATENTS).

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

91792—M/s. The Textile & Allied Industries Research Organisation.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
113120 (10-11-67)	Process for the preparation of vinylacetate.
113121 (10-11-67)	Process for the preparation of unsaturated esters of carboxylic acids.
113140 (14-11-66)	Process for the manufacture of water-soluble reactive azo dyestuffs suitable for the colouration of cellulose textile materials.
113141 (14-11-66)	Process of making a dispersion of particles of polymers in organic liquids.

113147 (13-11-67)	A process for removing oxygen impurities from molten metal.
113149 (13-11-67)	Copolymer of ethylene and vinyl acetate, and process for preparing the same.
113152 (13-11-67)	Process for the bulk preparation of polymerisation products of vinyl chloride compositions containing vinyl acetate and thylene copolymers at least partially grafted with vinyl chloride.
113155 (13-11-67)	Process for the bulk preparation of vinyl chloride polymerisation products containing vinyl acetate/ethylene copolymers grafted with vinyl chloride.
113167 (14-11-67)	Process for the recovery of precipitants out of the combustion residues of a waste water sludge incineration.
113169 (14-11-67)	Non-flow polybutadiene and method of producing the same.
113193 (16-11-67)	Improvements in or relating to the production of terpene alcohols from turpentine oil and its components.
113197 (16-11-67)	Process and apparatus for the preparation of gases containing hydrogen and carbon monoxide.
113198 (16-11-67)	Apparatus and method of regenerating ion exchange material from service demineralizers.
113211 (17-11-67)	Process for the treatment of optical brightening agents.
113214 (18-11-67)	Method of producing polyalkylene terephthalates.
113215 (23-5-66)	Pesticidal formulations containing novel phosphoric acid esters.
113226 (20-11-67)	Gelled aqueous explosives and process for their preparation.
113231 (20-11-67)	An improved process for procuring coal or lignite dust from coal or lignite sludges and slurries.
113238 (20-11-67)	Process and apparatus for the combustion of titanium tetrachloride with oxygen for the production of titanium dioxide pigment.
113241 (20-11-67)	Process for the manufacture of vinyl acetate.
113244 (20-11-67)	New water-insoluble perinone dyestuffs, process for the manufacture and materials dyed therewith.
113259 (21-11-67)	Process for producing acetylene and ethylene, and producing vinyl chloride from said acetylene and ethylene and products obtained thereby.
113280 (22-11-67)	Catalytically active composition and process utilizing the same for the preparation of high molecular weight polyesters.
113284 (22-11-67)	Process for the manufacture of carbon products.
113288 (22-11-67)	Process for the manufacture of terpene derivatives.
113289 (22-11-67)	Process for the manufacture of terpene derivatives.
113296 (8-12-66)	Production of granular industrial chemicals.
113303 (26-10-66)	Process for the production of copolymers.
113314 (25-11-67)	Process for preparing cleansing agent.
113317 (1-12-66)	Milk coagulating enzyme complex and process for preparation thereof.
113339 (27-11-67)	Process for the catalytic refining of hydrocarbons containing organic sulphur compounds.

- 113361 (28-11-67) Fungicidal compositions containing bis-dithiocarbamate derivatives.
- 113370 (29-11-67) Process for manufacturing new polymerization catalysts, the resulting new catalysts and their uses.
- 113383 (1-12-66) Process for the preparation of pigment compositions.
- 113384 (29-11-67) An apparatus for fluid catalytic cracking and a process thereof.
- 113387 (29-11-67) Method and apparatus for deaerating liquid suspensions.
- 113402 (1-12-67) Novel substituted S-triazines, process for preparing same and herbicidal compositions containing said compounds.
- 113411 (2-12-67) Organic phosphorous acid ester and process for preparing the same.
- 113413 (2-12-67) Epoxidation process and apparatus for carrying out the same.
- 113416 (2-12-67) Method of preparing fertilizers containing ammonium phosphate.
- 113425 (4-12-67) Process and apparatus for producing carbon black and carbon black produced therefrom.
- 113427 (4-12-67) Process and apparatus for the regeneration of fluidized solid catalysts.
- 113431 (4-12-67) New adducts of polyepoxides and polyamines, process for their manufacture and curable mixtures containing the same.
- 113432 (4-12-67) Process for the manufacture of 4, 4'-diamino-1, 1'-dianthraquinonyl-3, 3'-disulphonic acid.
- 113439 (4-12-67) Denydrogenation of ethylbenzene to styrene.
- 113440 (4-12-67) New monoazo dyestuffs and processes for their manufacture and use.
- 113449 (5-12-67) Novel benzylidenemalonitriles, process for preparation and novel pesticide containing the same.
- 113465 (5-12-67) Coal slurry process for manufacture of cement in vertical kilns.
- 113466 (5-12-67) A method of preparing hydraulic cement.
- 113475 (6-12-67) Improved process for producing carbon black.

RENEWAL FEES PAID

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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.
 NIL

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Design Nos. 125125, 118600, 118601, 118463 and 118464.
 Class—1.

Design No. 118841 Class—3.

S. VEDARAMAN,
 Controller General of Patents, Designs and Trade Marks.